

Date: Thu, 28 Jan 93 08:29:16 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #124
To: Info-Hams

Info-Hams Digest Thu, 28 Jan 93 Volume 93 : Issue 124

Today's Topics:

 AEA PKT-1 tnc ???
 Burglars are brighter than you might think! (2 msgs)
 Call signs
 Computer power supplies and radios.
 Endurance
 Help! Voyager transmits at 146.52 MHz!
mad at a few people for treating points like dirt, but a happy > point (2 msgs)
 Microwave tube data
 Power supplies
 Profanity (was:Re: Endurance)
 Schematic needed for 2m preamp
 Stop the bickering, please...
 TH-78A : Do the mods differ?
 Transmit Power with Nicads vs. Alkaline

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Jan 93 20:48:58 GMT
From: zaphod.mps.ohio-state.edu!rphroy!caen!uwm.edu!cs.utexas.edu!
qt.cs.utexas.edu!yale.edu!newsserver.jvnc.net!darwin.sura.net!mojo.eng.umd.edu!
news.isi.com!news.isi.@news.acns.nwu.edu
Subject: AEA PKT-1 tnc ???
To: info-hams@ucsd.edu

In article <2442@sousa.tay.dec.com> segrest@bobseg.enet.dec.com writes:
>

>Greetings,
>
>A fellow ham just dug an AEA PKT-1 tnc out of his used equipment box and asked
>if it will get him up and on the air with our local bbs. Can anyone tell me
>about this tnc? I would like to know if it will do KISS mode operations and or
>if it is TAPR TNC-2 compatible.
>
>Anyone familiar with this beast?

Yes, I have one. It's a clone of the TAPR TNC-1 and as such is not TNC-2 compatible. There should be a set of KISS ROMs for it; try posting on rec.radio.amateur.packet.

I replaced the standard ROMs with the WA8DED ROMs, which are a definite improvement.

--
Jerry Gardner (jerry@isi.com) | "Violence is the last refuge of
Integrated Systems, Inc. | the incompetant" - Isaac Asimov

Date: 28 Jan 93 11:03:25 GMT
From: news-mail-gateway@ucsd.edu
Subject: Burglars are brighter than you might think!
To: info-hams@ucsd.edu

In article <63757@mimsy.umd.edu> furuta@cs.umd.edu (Richard Furuta) writes:
>This snippet from the February Auto-Call gave me a bit of a pause. I
>thought the warning might be of interest to others as well:

>
> Beware of the Eavesdroppers
>
> Last summer I discussed over a local repeater my plans for a trip
> to Florida with my family. When we returned, our home had been
> burglarized.

This is precisely the reason I am 'Particulars withheld' in the callbook, and why I use disguise-antennas on all my vehicles, and have no stickers, callsign-plates or anything like that visible to the outside world.

Pete 'Nobody knows I am a Ham' Lucas G6WBJ PJML@uk.ac.nsw.swmis

Date: 27 Jan 93 22:32:20 GMT
From: atha!aupair.cs.athabascau.ca!tech@decwrl.dec.com
Subject: Burglars are brighter than you might think!
To: info-hams@ucsd.edu

Then there is my uncle who was leaving for a week and asked a neighbour to watch the house. The neighbour watched the house, robbed it, and tried to burn it down. Guess he didn't know the neighbour all that well.

--

| | | |
|-------------------------------------------------|---|----------------------------|
| Richard Loken VE6BSV | : | "Better sex, bigger homes, |
| Athabasca University, Athabasca, Alberta Canada | : | faster cars. Vote YES on |
| tech@cs.AthabascaU.CA | : | on Monday." |
| {atha aunro}!cs.athabascau.ca!tech | : | - Royal Canadian Air Farce |

Date: 27 Jan 93 10:02:38 GMT
From: ogicse!das-news.harvard.edu!cantaloupe.srv.cs.cmu.edu!
crabapple.srv.cs.cmu.edu!andrew.cmu.edu!<UNAUTHENTICATED@ucsd.edu>+@network
Subject: Call signs
To: info-hams@ucsd.edu

How can I find out how the FCC is currently allocating call signs? I.e.
- if one were to get a general class license right now, what format call
sign could you expect? Just curious, that's all. Thanks! -mike-

Date: Wed, 27 Jan 1993 18:04:37 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!news.csuohio.edu!
news.uakron.edu!malgudi.oar.net!chemabs!vjh21@network.UCSD.EDU
Subject: Computer power supplies and radios.
To: info-hams@ucsd.edu

Not a good idea.

1. The 150 watt power supply is based on all the outputs, not just the 12 volt output.
2. Most of the output power is in the 5 volt output.
3. It is almost guaranteed to be a switching supply, a strong possibility for generating RF interference.
4. Switching supplys are very efficient when used on computers, they were designed that way. They are less efficient when used to charge batteries

or power radios with widely varying power requirements.

I'm not saying that is is not going to work for you, I'm saying that you may not get satisfactory results.

I recommend that you go to a ham fest and buy a surplus power supply. If you use a battery charger you are going to have people complain about the AC hum on your signal.

Vince
ka8cte

— —

```

-----
      |      Vincent Herried  (614) 447-3600 x 2877
      |      Chemical Abstracts Service
-----|-----
      |      P.O. Box 3012
      |      Columbus, OH 43210-0012
      |
      |      Current thought: People who cannot be
      |      understood are geniuses, so management
      |      assigns them the toughest projects.
      |
-----

```

Date: Wed, 27 Jan 1993 15:55:12 GMT
From: pacbell.com!rtech!amdahl!amdcad!amdc12!brian@network.UCSD.EDU
Subject: Endurance
To: info-hams@ucsd.edu

>A few days ago, Joe Mastroianni, AA6YD, invited all of us here in net-land to
>partake of his short story "ENDURANCE" in the Feb issue of QST....

The story was good, but I take issue with the use of profanity in the article (mild though it may be). I'd like to think that hams would ask "where are they?" rather than "where the hell are they?". (Or perhaps "I'm tired and hungry and I wanna go to bed, where the hell are they?" :-)

Brian McMinn
brian@amdcl2.amd.com

Date: 27 Jan 93 16:04:43 GMT
From: ogicse!hp-cv!hp-pcd!hplsla!richw@network.UCSD.EDU

Subject: Help! Voyager transmits at 146.52 MHz!
To: info-hams@ucsd.edu

An update:

The problem appears to be the AM/FM radio/cassette unit. In my van, the interference is still present with the ignition switch off, but at a very much reduced level. John H. Klingelhoefter (johnk@ATK.COM) sent me the following note this morning:

(\$NOTE ON\$)

Can't spend a lot of time typing at the moment, but found last night that it definitely is the AM/FM radio that is causing the 146.52 (and other 990 kHz spaced) birdies. The fuse block on the left hand side of the drivers seat has two fuses for the radio; the one marked RADIO, and the other marked CIGAR LIGHTER. It is the second one that really is the main, non-switched radio power. When this one is pulled, the birdie vanishes.

[irrelevant sentence deleted]

I don't have a fix yet, but would imagine for sure that it will have to be a source suppression approach.

(\$NOTE OFF\$)

So, I suppose that the way to kill this would be to bypass all the leads entering the radio? (There are only about ten, and I'm sure that there is ample room :-))

```
=====
Rich Wilson                                Internet: richw@lsid.HP.COM
Hewlett Packard Company                    Packet: N7WWU@N0ARY
Lake Stevens Instrument Division           Phone: 206-335-2245
```

Hi! I am a .signature virus. Copy me into your .signature to join in!

Date: 27 Jan 93 05:00:00 GMT
From: elroy.jpl.nasa.gov!news.claremont.edu!ucivax!ofa123!ofa123!.>.,
Subject: mad at a few people for treating points like dirt, but a happy > point
To: info-hams@ucsd.edu

t it still gives you, as a point, no more 'powers' than you did before. In fact, nothing has changed regarding points. You're still considered just a user. ccBTW, I like the new policy revision and will urge my *Cs to vote for it! cc .\\ichelecc--- GEcho 1.00/beta+c * Origin: SunShine PCBoard, So. Florida * 305-432-2223 <HST/DS>c(1:369/21)c

--- DB 1.39/004571

Date: 27 Jan 93 22:02:22 GMT
From: sun-barr!west.West.Sun.COM!l1-a!flloyd@ames.arpa
Subject: mad at a few people for treating points like dirt, but a happy > point
To: info-hams@ucsd.edu

In article
<382710d5c@ofa123.fidonet.org> .>.Thanks.to.Policy.4.1.I'm.now.a.h@f161.n207.z1.fi
donet.org writes:
>t it still gives you, as a point, no more 'powers' than you didcbefore. In
>fact, nothing has changed regarding points. You're stillcconsidered just a
>user.ccBTW, I like the new policy revision and will urge my *Cs to vote for
>it!cc .\\ichelecc--- GEcho 1.00/beta+c * Origin: SunShine PCBoard,
>So. Florida * 305-432-2223 <HST/DS>c(1:369/21)c
>
>--- DB 1.39/004571

Another fine example of why packet<->internet gateways don't work.

-fred

--
[Fred Lloyd, AA7BQ Fred.Lloyd@West.Sun.COM]
[Sun Microsystems, Southwest Area Solaris Transition Manager]
[Phoenix, AZ (602) 275-4242]

Date: 28 Jan 93 16:03:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: Microwave tube data
To: info-hams@ucsd.edu

Thanks all who answered. Now I have found the tube data in an old Philips
tube data book from 1963. Yes it is sometimes good to save old books.
The tube data has the date 5 may 1957 on it.

The 'microwave tube data' hunt is hereby called off. The tube I have is a
JAN-725A magnetron. The 'civilian' type number is 725A (surprise!) and it is
for 9345 to 9405 MHz. The tube is for pulsed service with a duty factor of
0.0012 (0.12%) and the pulsed input power is maximum 230 kW in maximum 2.5
microseconds. With an efficiency of 40% the output is about 90 kW. The
recommended output power is however 'only' 50 kW with a pulse length of

1 microsecond. There is no means for tuning the frequency of the tube.

73's Peter, SM7LEK, <Peter@maxlab.lu.se>

Date: 27 Jan 93 20:40:33 GMT
From: usc!elroy.jpl.nasa.gov!sdd.hp.com!caen!umeeecs!umn.edu!noc.msc.net!
uc.msc.edu!raistlin!shamash!bml4380.cpg.cdc.com!molson@network.UCSD.EDU
Subject: Power supplies
To: info-hams@ucsd.edu

Just a note to contribute to the thread regarding computer/switching power supplies attached to ham rigs. I've had good luck with a 12v/22A supply I bought surplus. Being concerned about RFI, I made sure the power supply was fully enclosed, and added capacitive shunts to the DC output leads, and an EMI filter in the AC input. I have used this with a ICOM 3230 mobile rig (which draws about 11A), and have had no problems. Regulation has been rock solid, typical variation is less than .01 volt between receive and transmit, and I don't have any discernible RF noise from the switcher.

I did get a little concerned with failure modes, and installed a circuit breaker/crowbar overvoltage circuit on the unit.

Best of all, the thing is 5" by 3" by 11", weighs less than 5 lbs, doesn't get hot, and only cost me \$40.

Mark Olson NOVEM/AE (license granted 1/19/93!)

Date: 27 Jan 93 21:23:26 GMT
From: sun-barr!west.West.Sun.COM!l1-a!flloyd@ames.arpa
Subject: Profanity (was:Re: Endurance)
To: info-hams@ucsd.edu

In article <C1Is80.CCo@amdcl2> brian@amd.com (Brian McMinn, N5PSS) writes:
>>A few days ago, Joe Mastroianni, AA6YD, invited all of us here in net-land to
>>partake of his short story "ENDURANCE" in the Feb issue of QST....

>

>The story was good, but I take issue with the use of profanity in the
>article (mild though it may be). I'd like to think that hams would
>ask "where are they?" rather than "where the hell are they?". (Or
>perhaps "I'm tired and hungry and I wanna go to bed, where the hell
>are they?" :-)

Thanks for the smiley Brian, as use of the word hell does not seem to
ruffle anyone these days :-)

Over the last 20 years or so, our society has become more and more
tolerant of "profane" language and one of the best examples is the
medium which reaches 99% of all of us, television. Below are some
of the things which I've seen/heard on BROADCAST TV:

References to someone being "Pissed Off" - Civil Wars
Telling someone to "Piss Off" - british term on "Are you Being Served"
"I'm going to kick his ass!" - President Bush
Use of the word "Dogshit" in a local TV news interview
"God Damn" - LA Law - and Archie Bunker (who pioneered it)
"Son of a bitch" - LA Law
"I Farted" - Howie Mandel on Arsineo Hall Show
"Kiss my ass" - Howard Stern on the Tonite Show
"Fossilized Turd" - used to define the term "coprolite"

Other words heard without particular references: Bastard, penis,
hell, damn, slut, suck(s), "sit on it", etc.

Again, I wish to emphasize that the above language is now common
on _broadcast_ TV, a service which is subject to the same FCC
burocracy as hams are.

Being nearly 40 years old, I can remember when the use of the word
"pregnant" was censored off the air. When Elvis was shown only from
the waist up on Ed Sullivan, etc., etc., etc.. Today you have Michael
Jackson and Madonna grabbing their crotches on prime time and just the
other day I saw a woman's bare breast on Headline News, during a
"Fashion Report" from Paris. Let's face it folks, times and attitudes
are changing (and we're only about 15 years behind the rest of the
world).

Which brings us to Ham Radio, that last bastion of decency and
wholesomeness that made America famous. Taking the above into
consideration, I have to wonder, "What is it about amateur radio which
makes subject to what should now be considered as a higher level of
decency/morality?". Yes, a small and impressionable child could gain
access to a scanner, and if profanity were not prohibited, could be
irreversably corrupted by some of the words which which I've mentioned

above. I would submit, however, that children with scanners are probably bored with TV in the first place and if they in their juvenile innocence should tune into the 800 MHz band they would _really_ get an earful, much beyond that which is even permitted on television.

It is my belief that if one does not like foul, indecent, vulgar or profane language, then they should not use it. I also believe, however, that a person has a right to use whatever language they deem appropriate - within de facto mainstream standards - to whatever end they so choose - it's called free speech. By the same token, one does not necessarily have the right to offend people, but should one be held accountable by those who are offended by common, mainstream verbiage? I think not.

-fred, AA7BQ

--

| | |
|---------------------|---------------------------------------------|
| [Fred Lloyd, AA7BQ | Fred.Lloyd@West.Sun.COM] |
| [Sun Microsystems, | Southwest Area Solaris Transition Manager] |
| [Phoenix, AZ | (602) 275-4242] |

Date: 27 Jan 93 21:29:52 GMT
From: biosci!netnews.synoptics.com!lanshark!ericd@ames.arpa
Subject: Schematic needed for 2m preamp
To: info-hams@ucsd.edu

I am looking for a schematic for a mast mounted 2m and/or 70cm preamp.
It must have T/R switching....

Thanks
Eric

=====

| | |
|------------------|--------------------------------------------------|
| In real life: | Eric Davis |
| On the internet: | ericd@synoptics.com |
| On the air: | KD6HTO (440.85, +, 100Hz PL, North-Central CA) |
| On packet radio: | KD6HTO @ N6IYA.#NOCAL.CA.US.NA |
| Home: | LAT:37 03 04 N LON: 122 00 49 W ALT: 570 |

=====

If you teach you children nothing else about firearms, teach them this: "If you find a gun, stop, don't touch it, leave the area and tell an parent." It can save a life.

=====

Date: Wed, 27 Jan 93 21:54:32 GMT
From: mentor.cc.purdue.edu!noose.ecn.purdue.edu!en.ecn.purdue.edu!n9ljx@purdue.edu
Subject: Stop the bickering, please...
To: info-hams@ucsd.edu

In article <1993Jan27.202200.15919@venus.ic.cmc.ca> pas@jupiter.ic.cmc.ca writes:
>In article <125.staggsd@walker-pcgw.army.mil>, staggsd@walker-pcgw.army.mil (1LT
David Staggs) writes:

>|>

>|> After reading all the messages about No Codes, I think it is interesting that
>|> people would waste others time by writing such messages. The best thing to
do

>|> is to stop writing these messages. Who cares what type of license a fellow
>|> ham has? You cannot please everyone all the time. And this discussion (or
>|> bitterness) does no good. If some people think No Codes are scum of the
>|> Earth, then fine. Life goes on. But please don't waste others time by
>|> feeding the fire. It is talk like this that may convince others not to
become

>|> a ham. So, please. Enough is enough. I think others will thank you for it.

>|> Regards,

>|> Dave

>|> KD6QKF/HL9ST (Korea)

>

>Better yet, take it to rec.radio.amateur.policy where it belongs.

>

>Peter

>

NO NO NO!! Take it to alt.flame!

--sas

--

Scott Stambaugh - N9LJX internet: n9ljx@ecn.purdue.edu
Operations Supervisor, ADPC phone: 317 494 7946
Purdue University
West Lafayette, IN 47907-1061

Date: 28 Jan 93 16:00:11 GMT
From: galaxy!ucrengr!garrot@network.UCSD.EDU
Subject: TH-78A : Do the mods differ?
To: info-hams@ucsd.edu

Gerald J. Walsh (gwalsh@kilroy.Jpl.Nasa.Gov) wrote:

: I have a friend who just purchased a TH-78A and tried the mods that, by
: now, we all have a copy of. He says that his radio has two green wires
: near the diodes that are, "just asking to be cut"! From the experimenting
: that he has done, cutting one wire is equivalent to removing D5 and
: cutting the other green wire is equivalent to cutting D6.

I have a TH78-A without the green wires. If anyone knows the mods for the
older model of this radio I would sure like to find out what they are.
Please email me at gr5@elsegundaca.ncr.com

Thanks,
Gary R0tter, WB6T0Z

Date: 27 Jan 93 16:35:07 GMT
From: ogicse!hp-cv!hp-pcd!hplsla!davidc@network.UCSD.EDU
Subject: Transmit Power with Nicads vs. Alkaline
To: info-hams@ucsd.edu

I recently purchased a Standard C168A 2 meter HT and according to the
specifications in the operating manual it transmits at 2.8 watts with
the 7.2 volt nicad battery that is shipped with it. I also purchased
the dry cell battery case which holds 5 AA's. 5 alkaline batteries
would supply 7.5 volts and yet the specifications say that when using
the dry cell case output power is only 1 watt. What gives here? Is
this an error or are nicad's really able to supply that much more
current than alkaline batteries?

BTW these rated levels are with the HT in high power mode.

Thanks in advance for your replies and comments.

Dave, KB7QCL

Date: 27 Jan 1993 17:49:42 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!bcm!lib!oac.hsc.uth.tmc.edu!
jmaynard@ames.arpa
To: info-hams@ucsd.edu

References <shl3cza@rpi.edu>, <C1F8Fp.4wM@inews.Intel.COM>,
<44051@zygot.ati.com>as
Subject : Re: Ham Radio Causes Cancer

In article <44051@zygot.ati.com> john@zygot.ati.com (John Higdon) writes:

>I swear if I hear about one more thing that "causes cancer"...

Talking about what causes cancer causes cancer. :-)

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"begin 666 foo 266]U(&AA=F4@;F\@;&EF92X: ` end" -- Daniel Drucker

Date: Tue, 26 Jan 1993 22:22:36 GMT

From: spooky!witr@uunet.uu.net

To: info-hams@ucsd.edu

References <C1E2H5.G3G@anomaly.sbs.com>, <1993Jan25.122611.63159@cc.usu.edu>,
<C1FMMv.4o5@anomaly.sbs.com>

Reply-To : witr@rwwa.com

Subject : Real Extras (was Real NoCodes)

Since I have been assured that the Real NoCodes is ``just humor'' by
the original poster, the I think we should have a little ``humor'' for
the extras. I'm sure they won't mind.

Real Extras

- 1) Real Extras use foul language on 20. They collect NALs like
they are merit badges.
- 2) Real Extras are band police. They enjoy walking on other hams
transmissions with their own (unidentified) ones, to protect the
purity of the hobby. Combining this with #1 gives extra points.
- 3) Real Extras don't know the regs. But they are very positive about
their knowledge.
- 4) Real Extras cultivate exceptionally fine B0. The truly accomplished
ones have bad breath that would gag a yak.
- 5) Real Extras generate harmonics when contesting on 10, and when a
neighbor complains about the TVI, they tell them that they have a FCC
license and to get lost and go buy a better TV.
- 6) Real Extras use full legal limit (plus a little) to talk to their buddy
across town.
- 7) Real Extras chase ambulances so they can offer their ``communications''
expertise.

8) Real Extras tune up on top of existing QSOs.

9) Real Extras join the pileup nomatter where the DX station is directing his calls.

10) Real Extras have their repeaters ID at 30WPM. So what if the FCC doesn't like it?

Any contributions?

--

Robert Withrow, Tel: +1 617 598 4480, Fax: +1 617 598 4430, Net: witr@rwwa.COM
R.W. Withrow Associates, 21 Railroad Ave, Swampscott MA 01907-1821 USA

Date: Wed, 27 Jan 1993 17:46:37 GMT
From: mentor.cc.purdue.edu!expert.cc.purdue.edu!fleeke@purdue.edu
To: info-hams@ucsd.edu

References <shl3cza@rpi.edu>, <C1F8Fp.4wM@inews.Intel.COM>,
<44051@zygot.ati.com>du
Subject : Re: Ham Radio Causes Cancer

In article <44051@zygot.ati.com> john@zygot.ati.com (John Higdon) writes:
>
>I swear if I hear about one more thing that "causes cancer"...

I can understand a higher rate of cancer among hams. When I took my license exam, the examiners and other club hams at the test were chain smoking. After about 20 minutes I went outside to get some air so my eyes would quit watering. Members of our local club don't smoke fortunately.

Dan
N9PNA

End of Info-Hams Digest V93 #124
